

Species of Habitat Fragmentation Concern

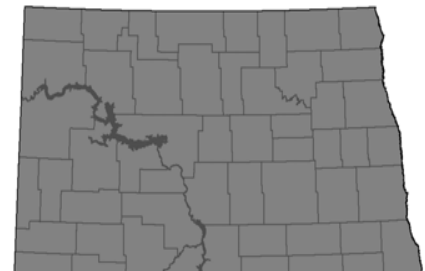
Species: Sharp-tailed Grouse (*Tympanuchus phasianellus*)

Habitat Preference: Year-round resident in North Dakota. Generally occurs in relatively undisturbed mixed-grass prairie (Connelly et al., 1998; Hagen et al., 2005). Winter habitat includes forested areas (Hagen et al., 2005). During mild winters, also uses grain fields and CRP (Conservation Reserve Program) fields (Connelly et al., 2005).



Credit: USDA-Forest Service

Habitat Fragmentation Concerns: Species of Conservation Priority in North Dakota (Level II; Hagen et al., 2005) because of destruction of grassland breeding habitat. Projected loss of CRP habitat will likely cause further declines in populations of Sharp-tailed grouse (Connelly et al., 1998). Hagen et al. (2005) estimate that 1/3 of entire species population resides in North Dakota making the State a critical “core” area for survival of the species.



Map of Species Range in North Dakota
Source: Hagen et al., 2005

General Review Literature:

- Connelly, J. W., M. W. Gratson and K. P. Reese. 1998. Sharp-tailed Grouse (*Tympanuchus phasianellus*), The Birds of North America Online (A. Poole, Ed.). Ithaca: Cornell Lab of Ornithology; Retrieved from the Birds of North America Online: <http://bna.birds.cornell.edu/bna/species/354>
- Hagen, S.K., P.T. Isakson, and S.R. Dyke. 2005. North Dakota Comprehensive Wildlife Conservation Strategy. North Dakota Game and Fish Department. Bismarck, ND. 454 pp.
<http://gf.nd.gov/conservation/cwcs.html>

Additional Species Management Information:
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